

## INT-777 R-enantiomer

## Chemical Properties

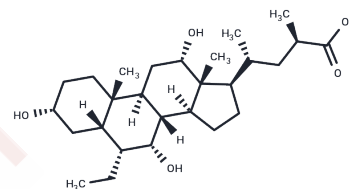
CAS No. : 1198786-98-9

Formula: C<sub>27</sub>H<sub>46</sub>O<sub>5</sub>

Molecular Weight: 450.65

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	INT-777 is the R-enantiomer of INT-777, less potent than INT-777, EC <sub>50</sub> of 4.79 μM for TGR5.
Targets(IC <sub>50</sub> )	Others
In vivo	INT-777 is more choleretic than CA, but less than INT-777.

## Solubility Information

Solubility	DMSO: 100 mg/mL (221.9 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.219 mL	11.0951 mL	22.1902 mL
5 mM	0.4438 mL	2.219 mL	4.438 mL
10 mM	0.2219 mL	1.1095 mL	2.219 mL
50 mM	0.0444 mL	0.2219 mL	0.4438 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Pellicciari R, et al. Discovery of 6α-ethyl-23(S)-methylcholic acid (S-EMCA, INT-777) as a potent and selective agonist for the TGR5 receptor, a novel target for diabetes. J Med Chem. 2009 Dec 24;52(24):7958-6

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